

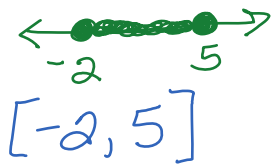
Wednesday, August 17, 2016

- Syllabus
 - Homework Policy
www.dimarcomath.weebly.com
- Interval Notation - Notes
- Interval Notation Practice
- Names
- HW is from textbook - if you don't have book or e-text yet, get a picture of the book at the end of class!

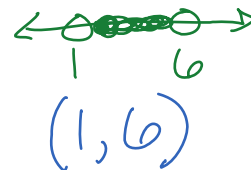


Section P1 - Interval Notation 8/17/16

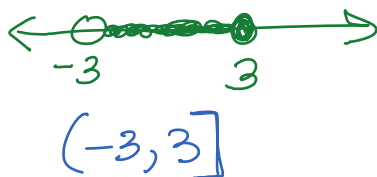
① $-2 \leq x \leq 5$



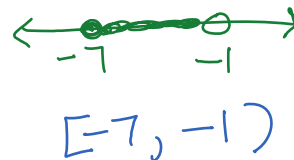
② $1 < x < 6$



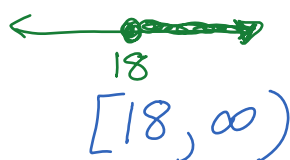
③ $-3 < x \leq 3$



④ $-7 \leq x < -1$



⑤ $x \geq 18$

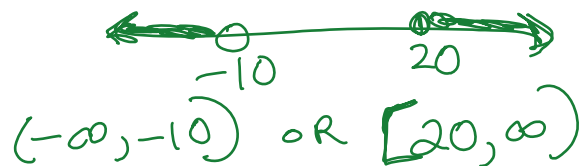


⑥ $x < -1$



⑦ $x < -10$ or $x \geq 20$

U ~ -10 or ~ 20



Closed Set $[]$ end #s are included in set

#1

Open Set $()$ end # are not included in set

#2, 6, part of 7

Half-open set $[)$ or $(]$

#3, 4, 5, part of 7

Bounded : real # for each end of set
(no ∞)

#1, 2, 3, 4

Unbounded : has ∞

#5, 6, 7